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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-12-20-01** **Date: 26/12/2022**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 20-12-22

Customer ID : Cement Concrete Pavement- Venkateshwara Nilaya Opposite Road

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 26/12/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Venkateshwara Nilaya Opposite	M30	19/12/2022	26/12/2022	149.50 X 151.24 X 149.56	22611	9.070	549.4	24.3	24.5
2	Cement Concrete Pavement- Venkateshwara Nilaya Opposite	M30	19/12/2022	26/12/2022	150.81 X 150.09 X 149.79	22635	8.866	572.7	25.3	
3	Cement Concrete Pavement- Venkateshwara Nilaya Opposite	M30	19/12/2022	26/12/2022	150.13 X 149.40 X 150.94	22429	8.253	533.8	23.8	

* The results obtained are satisfactory as per standard requirements.

AE

Verified by me

CIVIL Pro Sig..... Date..... BANGALORE

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Certificate No : TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 16/01/2023

Lab ID	:	CP-2022-12-20-01
Project Name	:	PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants
Agency	:	Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045
Customer's Reference	:	EE(Project)/Ynk Zone/WO/020/2022-23
Date of Receipt	:	20-12-22
Customer ID	:	Cement Concrete Pavement- Venkateshwara Nilaya Opposite Road
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	16/01/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Venkateshwara Nilaya Opposite	M30	19/12/2022	16/01/2023	151.22 X 150.93 X 151.06	22824	9.047	757.8	33.2	32.5
2	Cement Concrete Pavement- Venkateshwara Nilaya Opposite	M30	19/12/2022	16/01/2023	150.40 X 149.64 X 149.10	22507	8.959	731.5	32.5	
3	Cement Concrete Pavement- Venkateshwara Nilaya Opposite	M30	19/12/2022	16/01/2023	151.69 X 151.49 X 150.45	22978	8.748	733.0	31.9	

* The results obtained are satisfactory as per standard requirements.

AE

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Verified by me

CIVIL Pro Sig..... Date..... BANGALORE

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-12-20-01** **Date: 26/12/2022**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 20-12-22

Customer ID : Cement Concrete Pavement- Venkateshwara Nilaya Opposite Road

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 26/12/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Venkateshwara Nilaya Opposite	M30	19/12/2022	26/12/2022	151.46 X 151.29 X 149.59	22916	8.752	556.8	24.3	24.5
2	Cement Concrete Pavement- Venkateshwara Nilaya Opposite	M30	19/12/2022	26/12/2022	149.08 X 149.27 X 150.12	22253	8.514	563.0	25.3	
3	Cement Concrete Pavement- Venkateshwara Nilaya Opposite	M30	19/12/2022	26/12/2022	150.23 X 149.26 X 151.85	22423	8.393	533.7	23.8	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-12-20-01** **Date: 16/01/2023**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 20-12-22

Customer ID : Cement Concrete Pavement- Venkateshwara Nilaya Opposite Road

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 16/01/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Venkateshwara Nilaya Opposite	M30	19/12/2022	16/01/2023	149.30 X 149.29 X 149.36	22289	8.152	731.1	32.8	32.8
2	Cement Concrete Pavement- Venkateshwara Nilaya Opposite	M30	19/12/2022	16/01/2023	151.02 X 149.96 X 150.78	22647	8.181	760.9	33.6	
3	Cement Concrete Pavement- Venkateshwara Nilaya Opposite	M30	19/12/2022	16/01/2023	151.83 X 151.43 X 151.10	22992	8.492	733.4	31.9	

* The results obtained are satisfactory as per standard requirements.

AE

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : **CP-2022-12-21-01**

Date: 27/12/2022

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 21-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 2

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 27/12/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	27/12/2022	150.52 X 149.38 X 150.40	22486	8.950	514.9	22.9	23.6
2	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	27/12/2022	149.97 X 149.25 X 150.94	22382	8.813	528.2	23.6	
3	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	27/12/2022	151.46 X 149.87 X 151.85	22699	8.198	549.3	24.2	

* The results obtained are satisfactory as per standard requirements.

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Quality Manager

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-12-21-01** **Date: 17/01/2023**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 21-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 2

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 17/01/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	17/01/2023	150.10 X 150.36 X 149.79	22569	8.381	749.3	33.2	32.5
2	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	17/01/2023	150.32 X 151.91 X 150.37	22835	8.597	744.4	32.6	
3	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	17/01/2023	150.04 X 149.95 X 150.44	22499	8.193	715.5	31.8	

* The results obtained are satisfactory as per standard requirements.

AE

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Quality Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-12-21-01** **Date: 27/12/2022**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 21-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 2

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 27/12/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	27/12/2022	151.95 X 151.10 X 149.61	22960	8.687	532.7	23.2	22.5
2	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	27/12/2022	151.45 X 151.20 X 150.46	22899	8.534	499.2	21.8	
3	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	27/12/2022	151.43 X 150.91 X 151.78	22853	8.483	514.2	22.5	

* The results obtained are satisfactory as per standard requirements.

AE

CIVIL Pro Sig..... Date..... BANGALORE

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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Certificate No. : TC-3644

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2022-12-21-01 **Date: 17/01/2023**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 21-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 2

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 17/01/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	17/01/2023	150.08 X 149.10 X 149.87	22378	8.479	729.5	32.6	32.5
2	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	17/01/2023	150.95 X 149.29 X 151.73	22536	8.476	748.2	33.2	
3	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	17/01/2023	149.63 X 151.77 X 149.56	22709	8.246	722.2	31.8	

* The results obtained are satisfactory as per standard requirements.

AE

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CIVIL Pro Sig..... Date..... BANGALORE

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Page 1/1
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Certificate No.: TC-0049

Format No: CPTT/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 27/12/2022

Lab ID : CP-2022-12-21-07

Project Name : PACKAGE No-05 Development of Roads and Drains at Rasagampura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amruths Nagarothana Grants

Agency : Sri. R Gopireddy, No.63, 1st Cross, 1st Main, Ramachandrappa Layout, Veerasagara, Arabic College Post, Bangalore-560045

Customer's Reference : EE/Project/Yelk Zone/WO/020/2022-23

Date of Receipt : 21-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 2

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 27/12/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	27/12/2022	149.15 X 149.19 X 150.77	22252	8.138	500.7	22.5	23.1
2	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	27/12/2022	150.58 X 149.64 X 150.39	22533	9.019	516.0	22.9	
3	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	27/12/2022	151.51 X 150.83 X 151.57	22853	8.798	543.9	23.8	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-12-21-01** **Date: 17/01/2023**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 21-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 2

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 17/01/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	17/01/2023	149.46 X 149.71 X 149.10	22376	8.377	740.6	33.1	32.5
2	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	17/01/2023	150.66 X 151.94 X 149.69	22892	8.872	746.3	32.6	
3	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	17/01/2023	151.61 X 149.18 X 150.57	22618	8.873	719.2	31.8	

* The results obtained are satisfactory as per standard requirements.

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R KARTHIK RECHAN
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Quality Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 27/12/2022

Lab ID	:	CP-2022-12-21-01
Project Name	:	PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants
Agency	:	Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045
Customer's Reference	:	EE(Project)/Ynk Zone/WO/020/2022-23
Date of Receipt	:	21-12-22
Customer ID	:	Cement Concrete Pavement- Cross Road - 2
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	27/12/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	27/12/2022	149.64 X 149.75 X 150.03	22409	8.706	519.9	23.2	22.5
2	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	27/12/2022	151.95 X 149.58 X 151.35	22727	8.720	495.5	21.8	
3	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	27/12/2022	149.05 X 151.64 X 150.61	22602	8.145	510.8	22.6	

* The results obtained are satisfactory as per standard requirements.

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-12-21-01** **Date: 17/01/2023**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 21-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 2

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 17/01/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	17/01/2023	151.69 X 149.23 X 150.68	22637	8.358	735.7	32.5	32.4
2	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	17/01/2023	151.03 X 150.14 X 149.34	22676	8.201	709.8	31.3	
3	Cement Concrete Pavement- Cross Road - 2	M30	20/12/2022	17/01/2023	149.78 X 149.10 X 151.62	22331	9.034	748.1	33.5	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-12-22-01** **Date: 28/12/2022**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 22-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 1

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 28/12/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	28/12/2022	149.76 X 150.31 X 151.69	22510	8.295	547.0	24.3	23.3
2	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	28/12/2022	151.04 X 149.82 X 150.24	22630	8.643	525.0	23.2	
3	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	28/12/2022	150.99 X 149.34 X 149.02	22549	8.324	502.8	22.3	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : **CP-2022-12-22-01**

Date: 18/01/2023

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 22-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 1

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/01/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	18/01/2023	151.97 X 151.85 X 149.52	23077	8.404	766.2	33.2	32.6
2	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	18/01/2023	150.78 X 149.09 X 150.71	22481	8.689	710.4	31.6	
3	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	18/01/2023	149.77 X 150.94 X 151.26	22605	9.070	743.7	32.9	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-12-22-01** **Date: 28/12/2022**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 22-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 1

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 28/12/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	28/12/2022	150.81 X 151.70 X 149.45	22878	8.675	494.2	21.6	22.5
2	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	28/12/2022	150.26 X 151.85 X 149.92	22817	8.315	513.4	22.5	
3	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	28/12/2022	150.11 X 151.56 X 150.45	22750	8.346	532.4	23.4	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2022-12-33-01 **Date: 18/01/2023**

Project Name : PACKAGE No:05 Development of Roads and Drains at Rangampura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amruthu Nagarothana Grants

Agency : Sri. K Gopireddy, No:63, 1st Cross, 1st Main, Ramachandrappa Layout, Veerannapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Yel. Zone/WO/020/2022-23

Date of Receipt : 22-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 1

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/01/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	18/01/2023	149.48 X 149.56 X 149.56	22355	8.760	728.8	32.6	32.6
2	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	18/01/2023	150.85 X 151.29 X 150.23	22822	8.372	762.3	33.4	
3	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	18/01/2023	149.77 X 149.61 X 150.60	22406	8.426	712.5	31.8	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 28/12/2022

Lab ID : **CP-2022-12-22-01**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 22-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 1

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 28/12/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	28/12/2022	151.67 X 150.63 X 151.47	22846	8.917	516.3	22.6	23.0
2	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	28/12/2022	150.96 X 150.40 X 151.26	22704	8.864	533.5	23.5	
3	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	28/12/2022	150.18 X 150.37 X 151.42	22584	8.612	514.9	22.8	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/01/2023

Lab ID : CP-2022-12-22-01

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 22-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 1

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/01/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	18/01/2023	151.97 X 150.63 X 150.23	22891	8.306	760.0	33.2	32.4
2	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	18/01/2023	149.80 X 151.03 X 150.71	22624	8.218	712.7	31.5	
3	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	18/01/2023	149.11 X 151.81 X 150.32	22637	8.508	738.0	32.6	

* The results obtained are satisfactory as per standard requirements.

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 28/12/2022

Lab ID : **CP-2022-12-22-01**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 22-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 1

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 28/12/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	28/12/2022	150.37 X 150.31 X 150.85	22602	8.587	486.0	21.5	22.5
2	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	28/12/2022	150.20 X 150.49 X 151.26	22603	9.011	510.8	22.6	
3	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	28/12/2022	151.58 X 150.74 X 150.60	22849	8.937	534.7	23.4	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/01/2023

Lab ID : **CP-2022-12-22-01**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 22-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 1

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/01/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	18/01/2023	151.06 X 151.55 X 150.13	22892	8.471	764.6	33.4	32.5
2	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	18/01/2023	150.15 X 149.35 X 151.46	22424	8.947	728.8	32.5	
3	Cement Concrete Pavement- Cross Road - 1	M30	21/12/2022	18/01/2023	150.37 X 151.02 X 151.24	22709	8.722	717.6	31.6	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 19/01/2023

Lab ID	:	CP-2022-12-23-01
Project Name	:	PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants
Agency	:	Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045
Customer's Reference	:	EE(Project)/Ynk Zone/WO/020/2022-23
Date of Receipt	:	23-12-22
Customer ID	:	Cement Concrete Pavement- Cross Road - 1
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	19/01/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 1	M30	22/12/2022	19/01/2023	151.84 X 149.02 X 149.17	22627	8.913	758.0	33.5	32.9
2	Cement Concrete Pavement- Cross Road - 1	M30	22/12/2022	19/01/2023	149.04 X 149.89 X 151.13	22339	8.131	752.8	33.7	
3	Cement Concrete Pavement- Cross Road - 1	M30	22/12/2022	19/01/2023	149.51 X 149.11 X 151.03	22293	8.321	702.2	31.5	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 29/12/2022

Lab ID : **CP-2022-12-23-01**

Project Name : PACKAGE No-05 Development of Roads and Drains at Kasagattapura, Vaderahalli, Shivakote, Kachohalli Grama Panchayathi Limits and Surrounding Areas of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Agency : Sri. K Gopireddy, No.03, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045

Customer's Reference : EE(Project)/Ynk Zone/WO/020/2022-23

Date of Receipt : 23-12-22

Customer ID : Cement Concrete Pavement- Cross Road - 1

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 29/12/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement- Cross Road - 1	M30	22/12/2022	29/12/2022	149.82 X 151.32 X 149.64	22671	9.033	535.0	23.6	23.8
2	Cement Concrete Pavement- Cross Road - 1	M30	22/12/2022	29/12/2022	149.33 X 150.46 X 150.98	22468	8.986	543.7	24.2	
3	Cement Concrete Pavement- Cross Road - 1	M30	22/12/2022	29/12/2022	149.75 X 149.53 X 149.21	22392	8.962	526.2	23.5	

* The results obtained are satisfactory as per standard requirements.

verified by me

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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